

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051037

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04M1/03 H01Q1/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04M H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/003505 A (MIKKOLA JYRKI ; FILTRONIC LK OY (FI)) 9 January 2003 (2003-01-09) page 1, column 9 – page 6, column 9	1,5-11, 16
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25, 12 April 2001 (2001-04-12) & JP 2001 217633 A (TOSHIMITSU HIRAHIRO; NAKAMURA TETSUYA), 10 August 2001 (2001-08-10) abstract	1,2,5,7, 9,16
A	US 6 198 206 B1 (LAZARUS KENNETH B ET AL) 6 March 2001 (2001-03-06) column 1, line 13 – column 12, line 49	1-16

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
1 October 2004	13/10/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax (+31-70) 340-3016	Pastore, E

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	EP 1 317 116 A (SAGEM) 4 June 2003 (2003-06-04) paragraph '0003! - paragraph '0054! _____	1-16
A	EP 1 294 051 A (CIT ALCATEL) 19 March 2003 (2003-03-19) paragraph '0004! - paragraph '0036!	1-16

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Information on patent family members

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